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Protein

Genome

Structure

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▼ for CCR5

Preview

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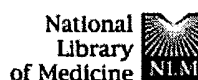
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	#14	Search CCR5 Limits: Modification Date to 1996/06/14	07:59:24	0
	#13	Search CC-CKR-5 Field: All Fields, Limits: Modification Date to 1996/06/14	07:59:15	0
	#4	Search CC-CKR5	07:48:06	9
	#3	Search CCR5	07:47:43	1375

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resources



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Search	PubMed	for CC CKR5					Preview	
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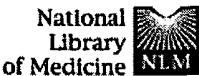
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Resources

Search	Most Recent Queries	Time	Result
#15	Search CC CKR5 Limits: Publication Date to 1996/06/14	07:21:20	2
#14	Search CCR5 Limits: Publication Date to 1996/06/14	07:20:59	2
#4	Related Articles for PubMed (Select 8649512)	07:20:09	196
#13	Search Litwin V and CCR5 Limits: Publication Date to 1996/06/14	07:19:54	0
#12	Search Dragic T and CCR5 Limits: Publication Date to 1996/06/14	07:19:38	0
#11	Search Allaway G and CCR5 Limits: Publication Date to 1996/06/14	07:19:25	0
#10	Search Trkola A and CCR5 Field: All Fields, Limits: Publication Date to 1996/06/14	07:19:03	0
#9	Search Trkola A and CCR5	07:18:29	19
#8	Search Litwin V and CCR5	07:18:16	1
#7	Search Litwin V and CC CKR5	07:18:06	1
#6	Search Dragic T and CC CKR5	07:17:07	15
#5	Search Allaway G and CC CKR5	07:16:46	4
#1	Search Allaway G and CCR5	07:02:33	4

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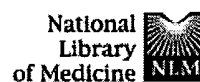
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Resources

Search	Most Recent Queries	Time	Result
#21	Search Trkola A Limits: Publication Date to 1996/06/14	17:07:18	11
#20	Search Moore J and CC-CKR5 Limits: Publication Date to 1996/06/14	17:06:56	0
#19	Search Moore J and CC RK5 Limits: Publication Date to 1996/06/14	17:06:35	0
#18	Search Moore J Limits: Publication Date to 1996/06/14	17:06:05	3021
#17	Search Litwin V Limits: Publication Date to 1996/06/14	17:05:28	8
#16	Search Dragic T Limits: Publication Date to 1996/06/14	17:04:52	6
#15	Search Allaway G Limits: Publication Date to 1996/06/14	17:04:09	15
#13	Search CC CKR5 Field: All Fields , Limits: Publication Date to 1996/06/14	16:41:28	2
#12	Search Gosling J 1996	16:37:53	7
#11	Search Murphy PM 1996	16:36:18	16
#9	Search Collman RG 1996	16:35:02	6
#8	Search Samson M 1996	16:34:07	13
#6	Search parmentier M 1996	16:10:02	16
#5	Search Samson R 1996	16:08:51	11
#3	Search HCV paticle and E1	10:59:17	375
#1	Search HCV virus particle	10:56:17	132

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Search	PubMed	<input type="text" value="CC-CKR-5"/>	for					Preview
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Search	Most Recent Queries	Time	Result
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#10	Search CCR5 Limits: Publication Date to 1996/06/14	07:57:32	2
#8	Search CC-CKR5 Field: All Fields , Limits: Publication Date to 1996/06/14	07:52:24	2

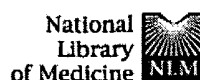
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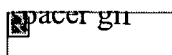
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Items 1-15 of 15

One page.

Entrez
PubMed

- ☐ **1:** [Tsamis F, Gavrilov S, Kajumo F, Seibert C, Kuhmann S, Ketas T, Trkola A, Palani A, Clader JW, Tagat JR, McCombie S, Baroudy B, Moore JP, Sakmar TP, Dragic T.](#) Related Articles, Links



Analysis of the mechanism by which the small-molecule CCR5 antagonists SCH-351125 and SCH-350581 inhibit human immunodeficiency virus type 1 entry.

J Virol. 2003 May;77(9):5201-8.

PMID: 12692222 [PubMed - indexed for MEDLINE]

PubMed
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- ☐ **2:** [Cormier EG, Dragic T.](#) Related Articles, Links



The crown and stem of the V3 loop play distinct roles in human immunodeficiency virus type 1 envelope glycoprotein interactions with the CCR5 coreceptor.

J Virol. 2002 Sep;76(17):8953-7.

PMID: 12163614 [PubMed - indexed for MEDLINE]

Related
Resources

- ☐ **3:** [Thompson DA, Cormier EG, Dragic T.](#) Related Articles, Links



CCR5 and CXCR4 usage by non-clade B human immunodeficiency virus type 1 primary isolates.

J Virol. 2002 Mar;76(6):3059-64.

PMID: 11861874 [PubMed - indexed for MEDLINE]

- ☐ **4:** [Dragic T.](#) Related Articles, Links



An overview of the determinants of CCR5 and CXCR4 co-receptor function.

J Gen Virol. 2001 Aug;82(Pt 8):1807-14. Review. No abstract available.

PMID: 11457985 [PubMed - indexed for MEDLINE]

- ☐ **5:** [Cormier EG, Tran DN, Yukhayeva L, Olson WC, Dragic T.](#) Related Articles, Links



Mapping the determinants of the CCR5 amino-terminal sulfopeptide interaction with soluble human immunodeficiency virus type 1 gp120-CD4 complexes.

J Virol. 2001 Jun;75(12):5541-9.

PMID: 11356961 [PubMed - indexed for MEDLINE]









- ☐ **6:** [Cormier EG, Persuh M, Thompson DA, Lin SW, Sakmar TP, Olson WC, Dragic T.](#) Related Articles, Links



Specific interaction of CCR5 amino-terminal domain peptides containing sulfotyrosines with HIV-1 envelope glycoprotein gp120.

Proc Natl Acad Sci U S A. 2000 May 23;97(11):5762-7.

PMID: 10823934 [PubMed - indexed for MEDLINE]

-  **7:** [Dragic T, Trkola A, Thompson DA, Cormier EG, Kajumo FA, Maxwell E, Lin SW, Ying W, Smith SO, Sakmar TP, Moore JP.](#) Related Articles, Links
A binding pocket for a small molecule inhibitor of HIV-1 entry within the transmembrane helices of CCR5.
Proc Natl Acad Sci U S A. 2000 May 9;97(10):5639-44.
PMID: 10779565 [PubMed - indexed for MEDLINE]
-  **8:** [Olson WC, Rabut GE, Nagashima KA, Tran DN, Anselma DJ, Monard SP, Segal JP, Thompson DA, Kajumo F, Guo Y, Moore JP, Maddon PJ, Dragic T.](#) Related Articles, Links
Differential inhibition of human immunodeficiency virus type 1 fusion, gp120 binding, and CC-chemokine activity by monoclonal antibodies to CCR5.
J Virol. 1999 May;73(5):4145-55.
PMID: 10196311 [PubMed - indexed for MEDLINE]
-  **9:** [Genoud S, Kajumo F, Guo Y, Thompson D, Dragic T.](#) Related Articles, Links
CCR5-Mediated human immunodeficiency virus entry depends on an amino-terminal gp120-binding site and on the conformational integrity of all four extracellular domains.
J Virol. 1999 Feb;73(2):1645-8.
PMID: 9882373 [PubMed - indexed for MEDLINE]
-  **10:** [Zhang YJ, Dragic T, Cao Y, Kostrikis L, Kwon DS, Littman DR, KewalRamani VN, Moore JP.](#) Related Articles, Links
Use of coreceptors other than CCR5 by non-syncytium-inducing adult and pediatric isolates of human immunodeficiency virus type 1 is rare in vitro.
J Virol. 1998 Nov;72(11):9337-44.
PMID: 9765485 [PubMed - indexed for MEDLINE]
-  **11:** [Rabut GE, Konner JA, Kajumo F, Moore JP, Dragic T.](#) Related Articles, Links
Alanine substitutions of polar and nonpolar residues in the amino-terminal domain of CCR5 differently impair entry of macrophage- and dualtropic isolates of human immunodeficiency virus type 1.
J Virol. 1998 Apr;72(4):3464-8.
PMID: 9525683 [PubMed - indexed for MEDLINE]
-  **12:** [Dragic T, Trkola A, Lin SW, Nagashima KA, Kajumo F, Zhao L, Olson WC, Wu L, Mackay CR, Allaway GP, Sakmar TP, Moore JP, Maddon PJ.](#) Related Articles, Links
Amino-terminal substitutions in the CCR5 coreceptor impair gp120 binding and human immunodeficiency virus type 1 entry.
J Virol. 1998 Jan;72(1):279-85.
PMID: 9420225 [PubMed - indexed for MEDLINE]
-  **13:** [Moore JP, Trkola A, Dragic T.](#) Related Articles, Links
Co-receptors for HIV-1 entry.
Curr Opin Immunol. 1997 Aug;9(4):551-62. Review.
PMID: 9287172 [PubMed - indexed for MEDLINE]
-  **14:** [Trkola A, Dragic T, Arthos J, Binley JM, Olson WC, Allaway GP, Cheng-Mayer C, Robinson J, Maddon PJ, Moore JP.](#) Related Articles, Links
CD4-dependent, antibody-sensitive interactions between HIV-1 and its co-receptor CCR-5.
Nature. 1996 Nov 14;384(6605):184-7.
PMID: 8906796 [PubMed - indexed for MEDLINE]

- ☐ 15: [Dragic T, Litwin V, Allaway GP, Martin SR, Huang Y, Nagashima KA, Cayanan C, Maddon PJ, Koup RA, Moore JP, Paxton WA.](#) Related Articles, Links



HIV-1 entry into CD4+ cells is mediated by the chemokine receptor CC-CKR-5.

Nature. 1996 Jun 20;381(6584):667-73.

PMID: 8649512 [PubMed - indexed for MEDLINE]

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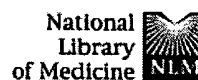
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One page.

- ☐ 1: [Donzella GA, Schols D, Lin SW, Este JA, Nagashima KA, Maddon PJ, Allaway GP, Sakmar TP, Henson G, De Clercq E, Moore JP.](#) Related Articles, Links



AMD3100, a small molecule inhibitor of HIV-1 entry via the CXCR4 co-receptor.

Nat Med. 1998 Jan;4(1):72-7.

PMID: 9427609 [PubMed - indexed for MEDLINE]

- ☐ 2: [Dragic T, Trkola A, Lin SW, Nagashima KA, Kajumo F, Zhao L, Olson WC, Wu L, Mackay CR, Allaway GP, Sakmar TP, Moore JP, Maddon PJ.](#) Related Articles, Links



Amino-terminal substitutions in the CCR5 coreceptor impair gp120 binding and human immunodeficiency virus type 1 entry.

J Virol. 1998 Jan;72(1):279-85.

PMID: 9420225 [PubMed - indexed for MEDLINE]

- ☐ 3: [Trkola A, Dragic T, Arthos J, Binley JM, Olson WC, Allaway GP, Cheng-Mayer C, Robinson J, Maddon PJ, Moore JP.](#) Related Articles, Links



CD4-dependent, antibody-sensitive interactions between HIV-1 and its co-receptor CCR-5.

Nature. 1996 Nov 14;384(6605):184-7.

PMID: 8906796 [PubMed - indexed for MEDLINE]

- ☐ 4: [Dragic T, Litwin V, Allaway GP, Martin SR, Huang Y, Nagashima KA, Cavanan C, Maddon PJ, Koup RA, Moore JP, Paxton WA.](#) Related Articles, Links



HIV-1 entry into CD4+ cells is mediated by the chemokine receptor CC-CKR-5.

Nature. 1996 Jun 20;381(6584):667-73.

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=> CCR5

L1 6043 CCR5

=> HIV and L1

L2 3908 HIV AND L1

=> sequence and L2

L3 587 SEQUENCE AND L2

=> "CC CKR5" and L3

L4 3 "CC CKR5" AND L3

=> D L4 IBIB ABS 1-3